

FIG. 1

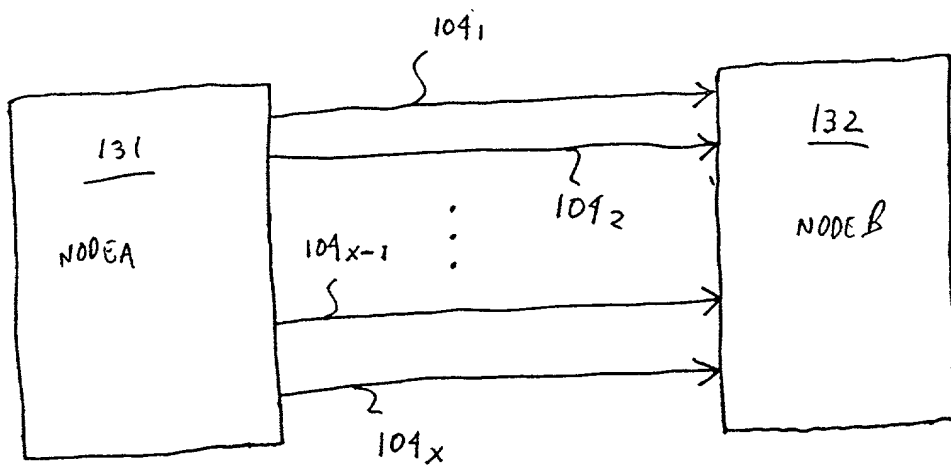


FIGURE 1

FIG. 2

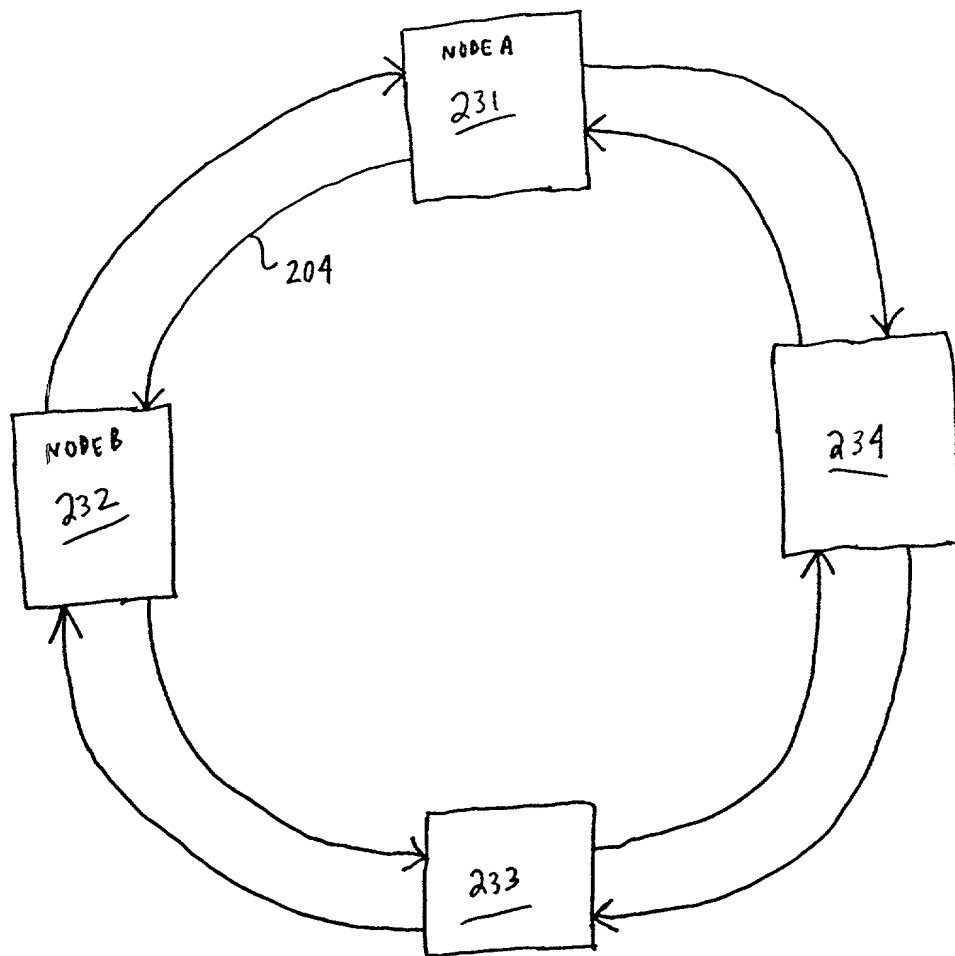


FIGURE 2

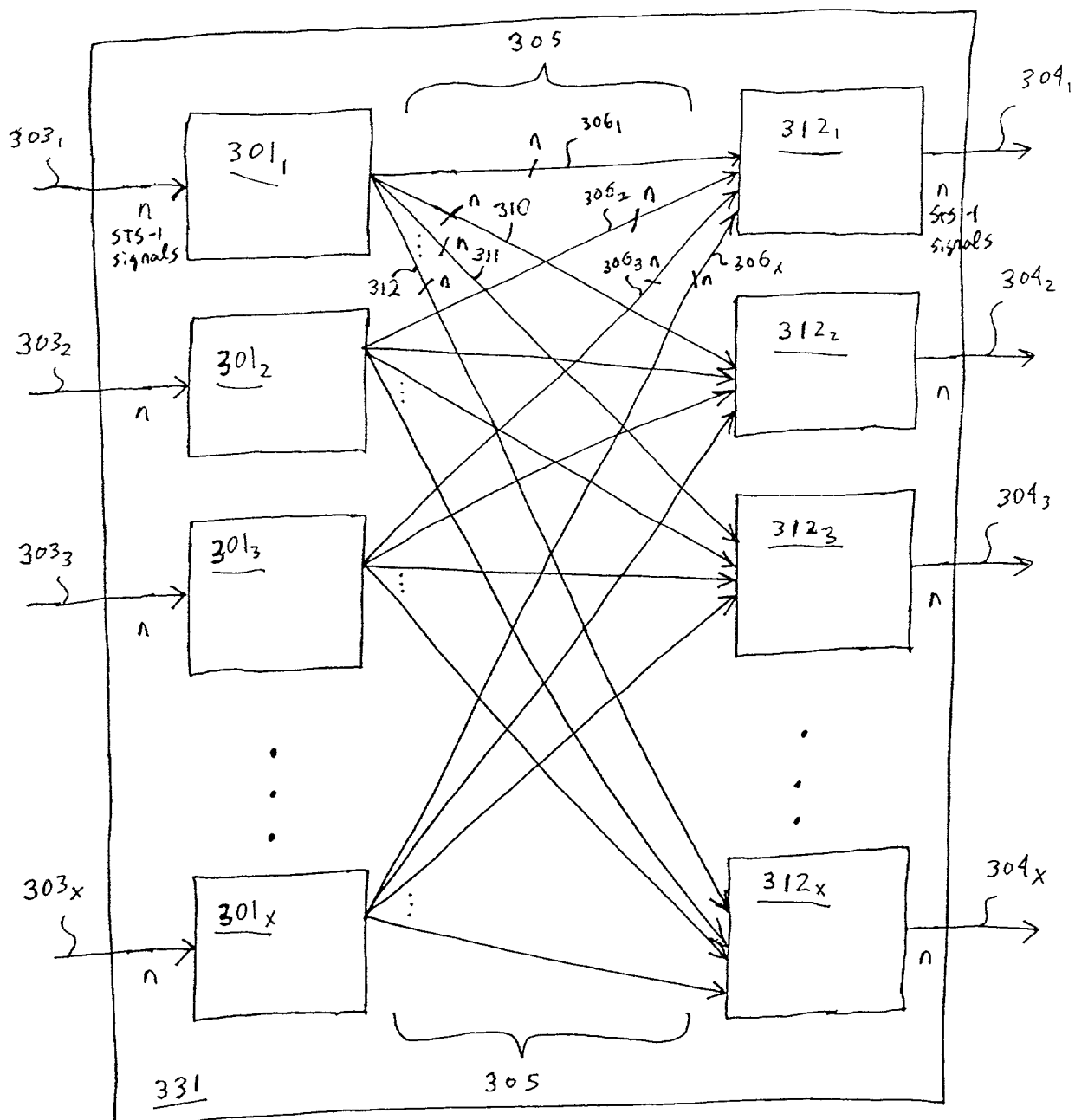


FIGURE 3

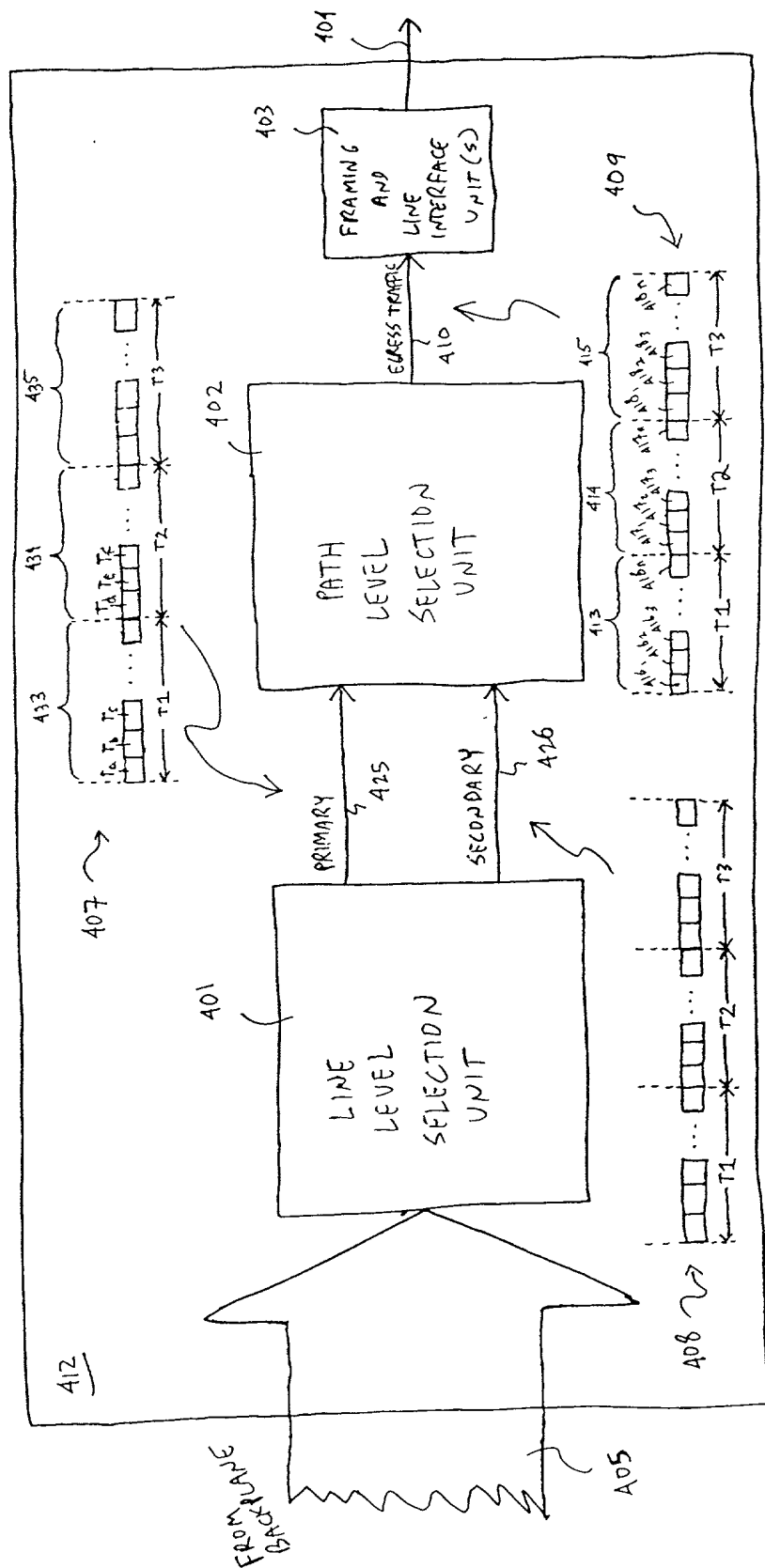


FIGURE 4

FIGURE 5

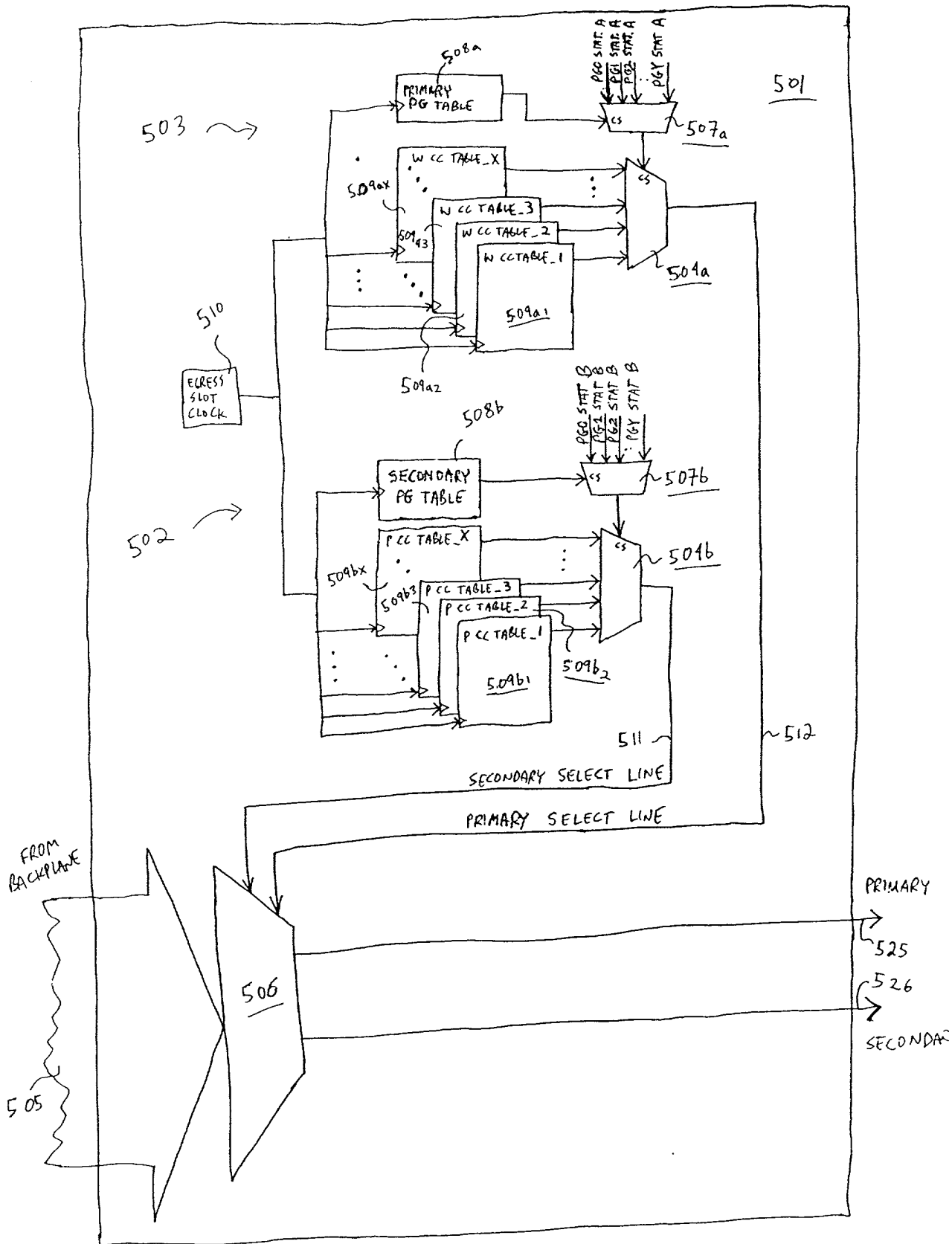


FIGURE 5

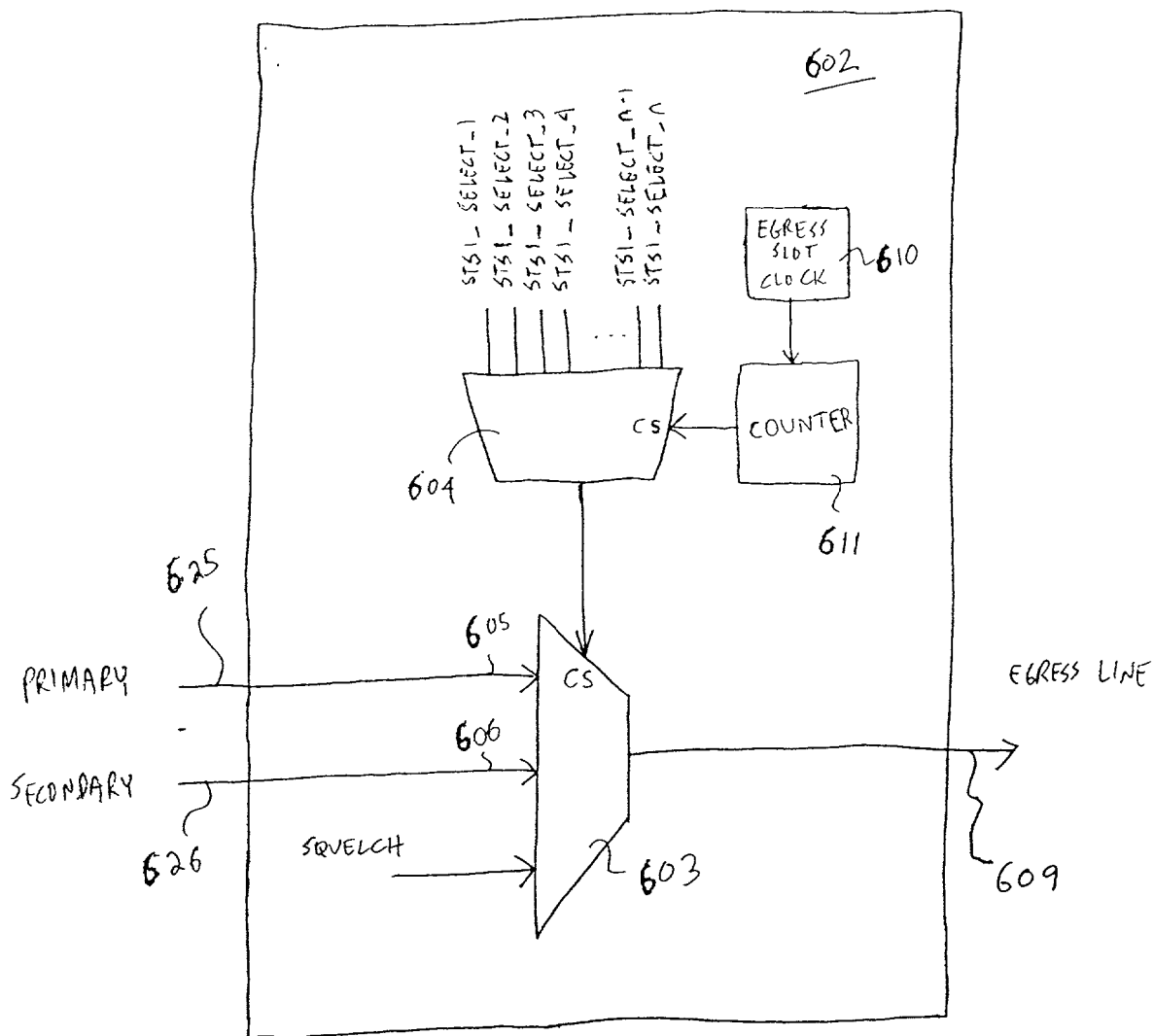
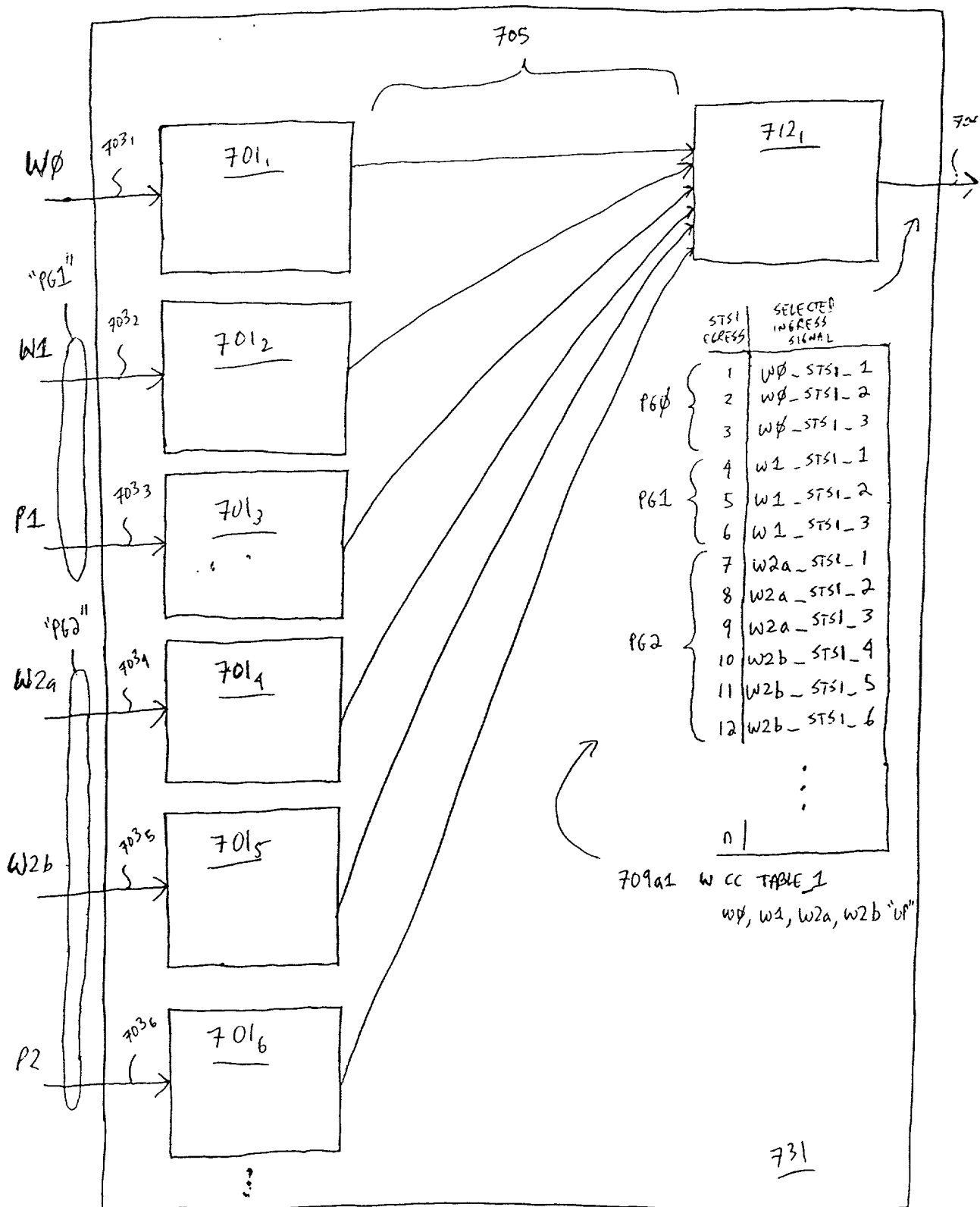


FIGURE 6.

FIGURE 7



STS 1 EGRESS	SELECTED INGRESS SIGNAL
1	
2	
3	
4	P1-STSI-1
5	P1-STSI-2
6	P1-STSI-3

⋮

n	
---	--

P61 PROTECTION
(W1 DOWN)

← W CC TABLE_2
809a2

FIGURE 8A

STS 1 EGRESS	SELECTED INGRESS SIGNAL
1	
2	
3	
4	
5	
6	
7	P2-STSI-1
8	P2-STSI-2
9	P2-STSI-3
10	W2b-STSI-4
11	W2b-STSI-5
12	W2b-STSI-6

⋮

n	
---	--

P62 PROTECTION A
(W2a DOWN)

← W CC TABLE_3
809a3

STS 1 EGRESS	SELECTED INGRESS SIGNAL
1	
2	
3	
4	
5	
6	
7	W2a-STSI-1
8	W2a-STSI-2
9	W2a-STSI-3
10	P2-STSI-4
11	P2-STSI-5
12	P2-STSI-6

⋮

n	
---	--

P62 PROTECTION B
(W2b DOWN)

← W CC TABLE_4
809a4

FIGURE 8B

704000 33042600

ST51 Egress	APPLICABLE PROTECTION GROUP
1	PG0
2	PG0
3	PG0
4	PG1
5	PG1
6	PG1
7	PG2
8	PG2
9	PG2
10	PG2
11	PG2
12	PG2
...	
n	

← PRIMARY PG
TABLE
908a
FIG. 9A

LINE STATUS	PG0 STAT A	PG1 STAT A	PG2 STAT A
w0, w1, w2a, w2b "UP"	1	1	1
w1 "DOWN"	1	2	1
w2a "DOWN"	1	1	3
w2b "DOWN"	1	1	4
w1 "DOWN", w2a "DOWN"	1	2	3
w1 "DOWN", w2b "DOWN"	1	2	4
w1 "DOWN", w2a "DOWN", w2b "DOWN"	1	2	3
w2a "DOWN", w2b "DOWN"	1	1	3
...			

FIG. 9B

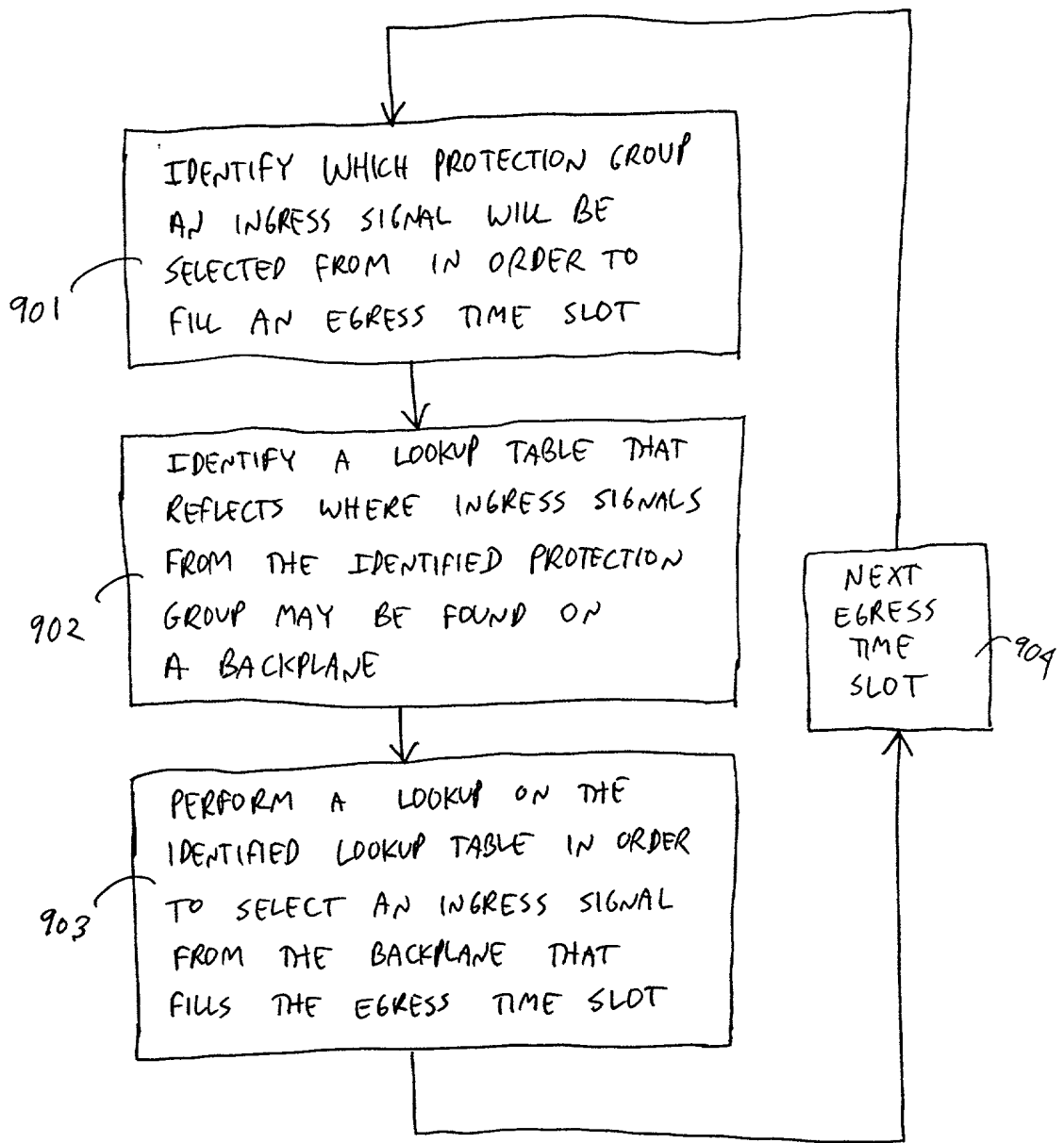


FIGURE 9C

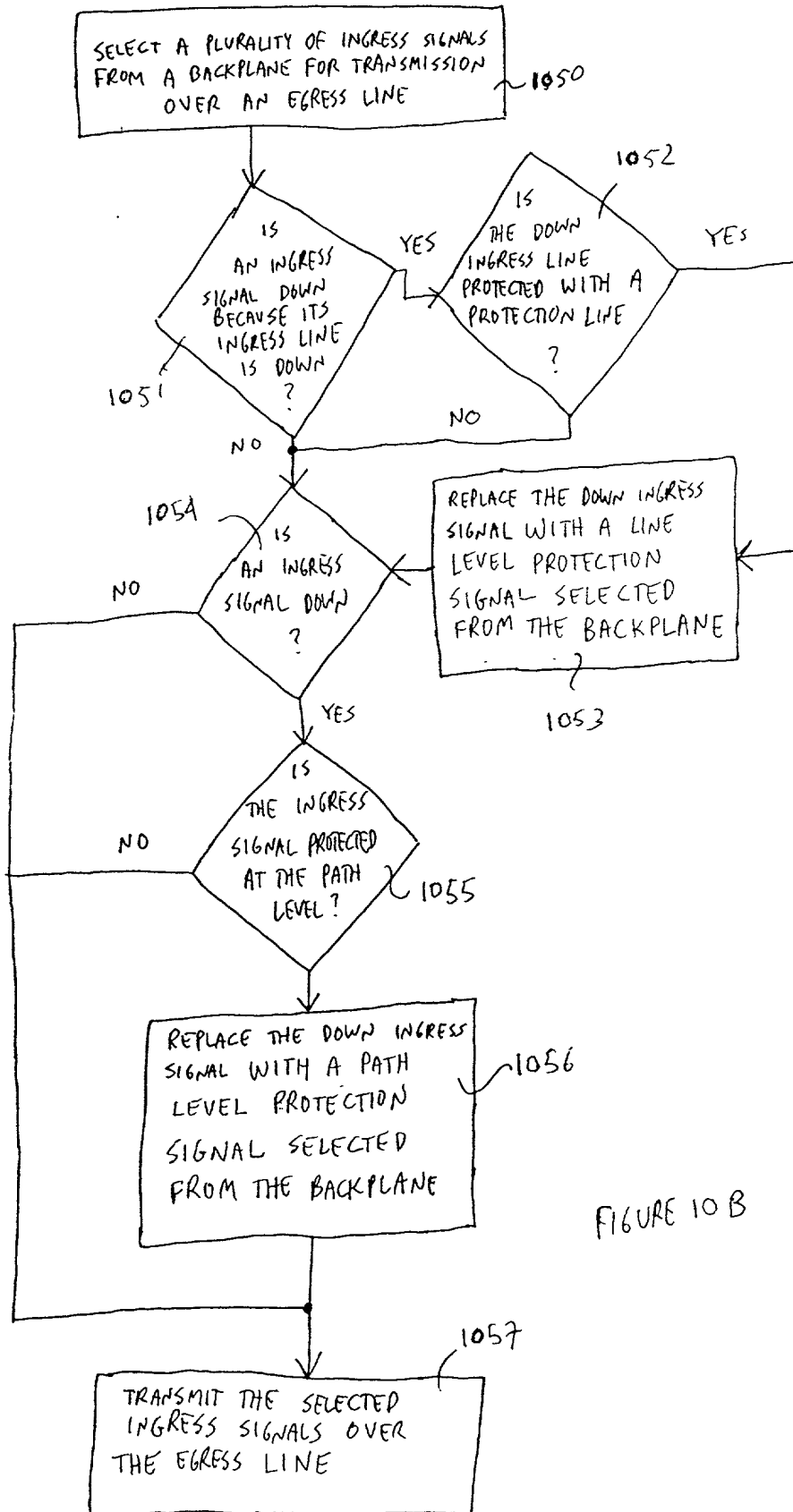


FIGURE 10 B

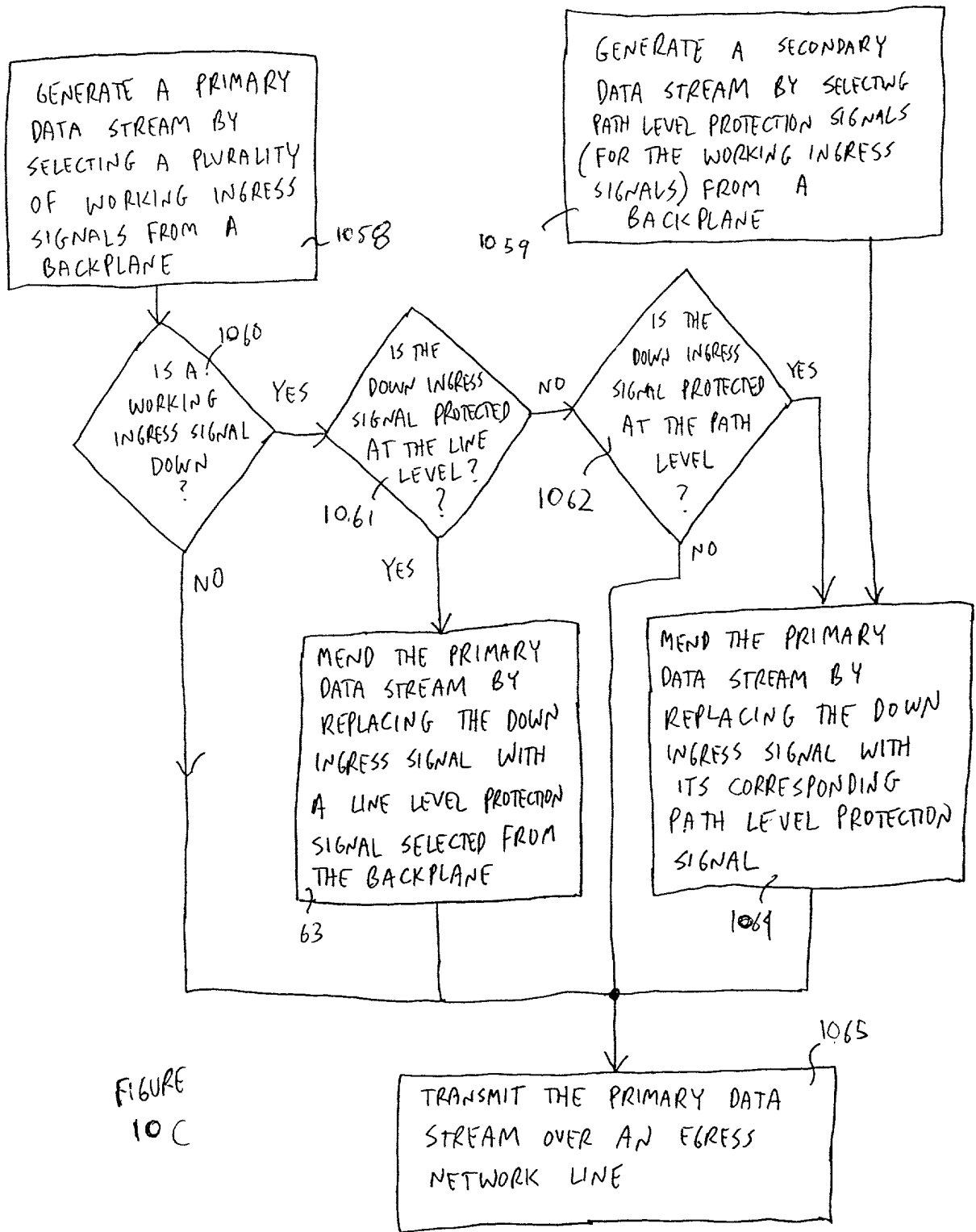


FIGURE 10C

STS 1 EGRESS	SELECTED INGRESS SIGNAL
1	W1-STS1-1
2	W1-STS1-2
3	W1-STS1-3
4	W1-STS1-4
5	W1-STS1-5
6	W1-STS1-6
7	W2-STS1-7
8	W2-STS1-8
9	W2-STS1-9
10	W2-STS1-10
11	W2-STS1-11
12	W2-STS1-12
	:
	:
	:
0	

FIG. 11A

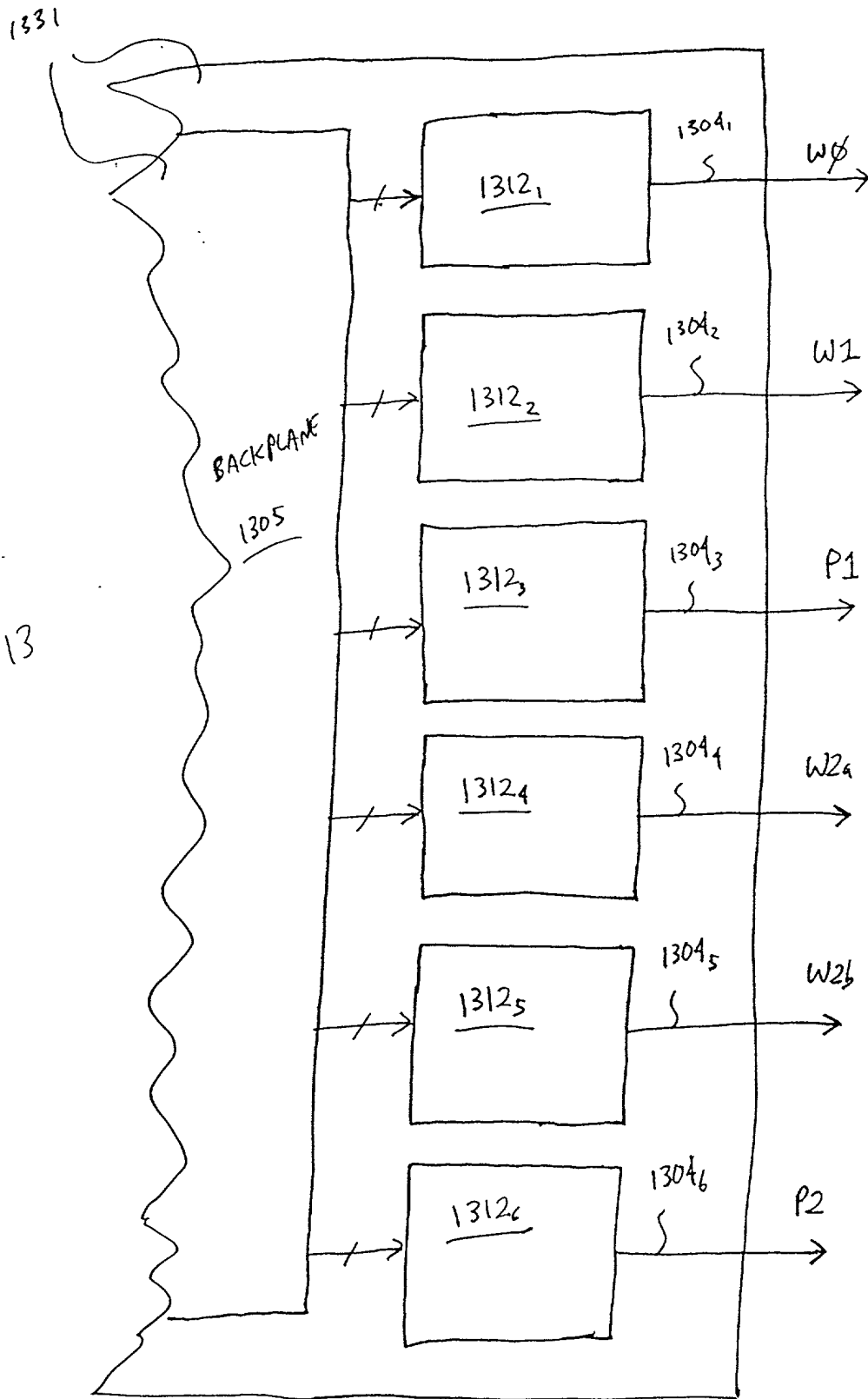
STS 1 E6AFSS	SELECTED INGRESS SIGNAL
1	P2 - STS1 - 1
2	P2 - STS1 - 2
3	P2 - STS1 - 3
4	P2 - STS1 - 4
5	P2 - STS1 - 5
6	P2 - STS1 - 6
7	P1 - STS1 - 7
8	P1 - STS1 - 8
9	P1 - STS1 - 9
10	P1 - STS1 - 10
11	P1 - STS1 - 11
12	P1 - STS1 - 12
	•
	•
	•

F16. 11B

PATH STATUS	STS1 - SELECT - 1	STS1 - SELECT - 2	STS1 - SELECT - 3	STS1 - SELECT - 4	STS1 - SELECT - 5	STS1 - SELECT - 6	STS1 - SELECT - 7	STS1 - SELECT - 8	STS1 - SELECT - 9	STS1 - SELECT - 10	STS1 - SELECT - 11	STS1 - SELECT - 12	...	STS1 - SELECT - N
* ALL WORKING PATHS "UP"	W	W	W	W	W	W	W	W	W	W	W	W		W
* W1_STS1_1 "DOWN"	P	W	W	W	W	W	W	W	W	W	W	W		W
* W1_STS1_5 and W1_STS1_11 "DOWN"	W	W	W	W	P	W	W	W	W	W	P	W		W

FIGURE 12

FIGURE 13



STS EGRESS	SELECTED INGRESS SIGNAL
1	W2a_STSI_W_1
2	W2a_STSI_W_2
3	W2a_STSI_W_3
4	W2a_STSI_W_4
	⋮
n	W2a_STSI_W_n

↑ W-CC-TABLE-1
1409a1

FIG. 14a

STS EGRESS	SELECTED INGRESS SIGNAL
1	W2b_STSI_W_1
2	W2b_STSI_W_2
3	W2b_STSI_W_3
4	W2b_STSI_W_4
	⋮
n	W2b_STSI_W_n

↑ W-CC-TABLE-3
1409a3

FIG. 14c

STS EGRESS	SELECTED INGRESS SIGNAL
1	W2a_STSI_P_1
2	W2a_STSI_P_2
3	W2a_STSI_P_3
4	W2a_STSI_P_4
	⋮
n	W2a_STSI_P_n

↑ W-CC-TABLE-2
1409a2

FIG. 14b

STS EGRESS	SELECTED INGRESS SIGNAL
1	W2b_STSI_P_1
2	W2b_STSI_P_2
3	W2b_STSI_P_3
4	W2b_STSI_P_4
	⋮
n	W2b_STSI_P_n

↑ W-CC-TABLE-4
1409a4

FIG. 14d

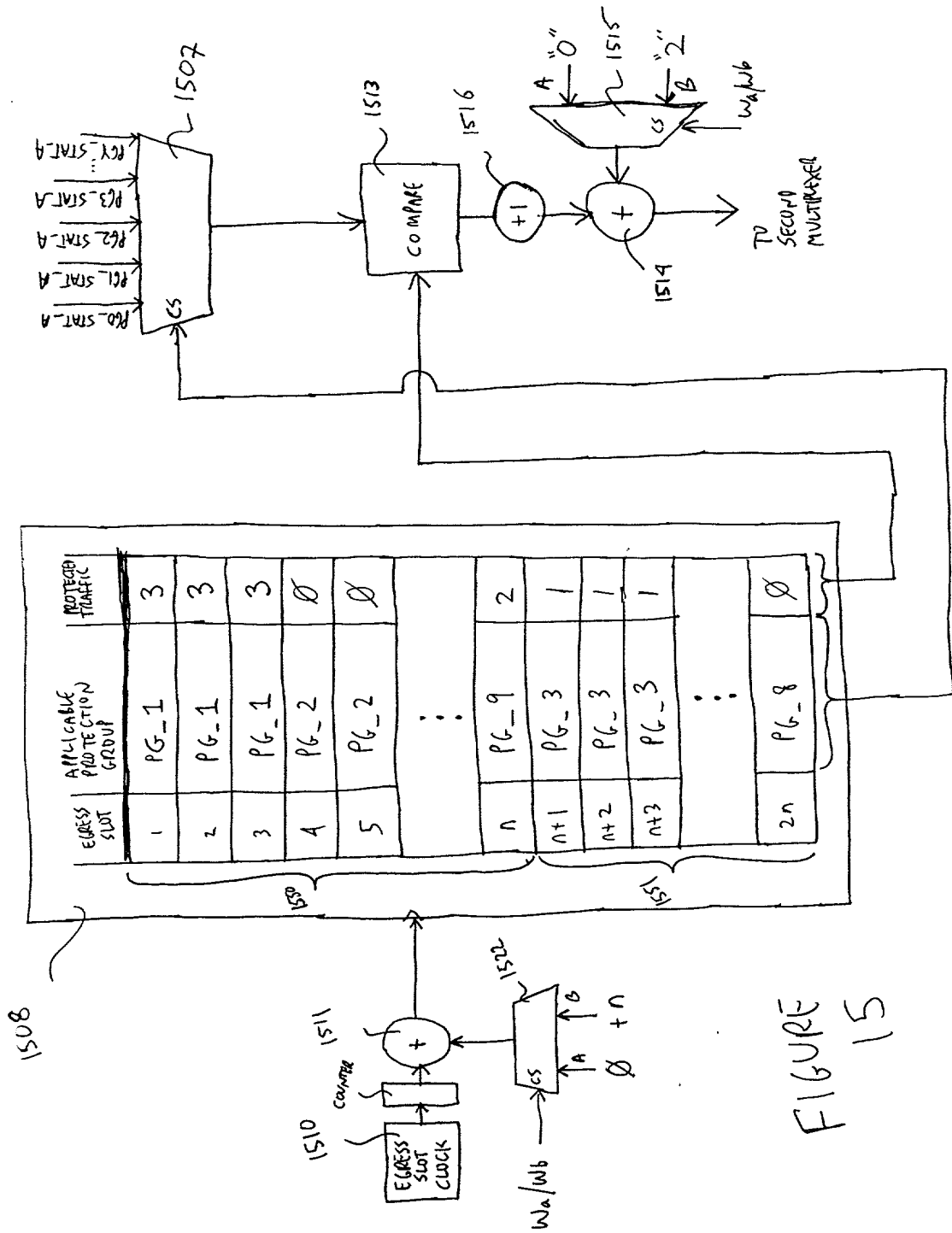


FIGURE 15